

ABSTRACT OF THE DISCLOSURE

A two-dimensional beam writing position detecting device for providing an optical system for scanning on a photoconductor by laser beams emitted from a semiconductor laser to form an electrostatic latent image and arranging a plurality of the laser beams in two dimensions and slantingly scanning each the laser beam for forming the electrostatic latent image on the photoconductor at a predetermined angle and detecting the laser beams for determining the first writing position on the photoconductor of the laser beams is characterized in that a longitudinal direction of a beam light receiving surface of the detecting device 1 inclines at the substantially same angle as the slant scanning angle with respect to the perpendicular of a scanning direction of the plural beams.